

Fac/Perm/Co ID #	Date	Doc ID#
34-05 Indus	3/14/12	DIN/16647

AGENDA

PRE-CONSTRUCTION MEETING
March 14, 2012 – 11:00 AM
Rural Hall Ash Landfill, Permit #34-05-INDUS

Introductions

- OWNER – R. J. Reynolds Tobacco Co.
- DESIGN ENGINEER – ERM NC, Inc.
- CERTIFYING ENGINEER OF RECORD – ERM NC, Inc.
- REGULATORY AUTHORITY – NCDENR – Division of Waste Management
- CONTRACTOR – Earmhardt Grading, Inc.

Background

- The former Edwards Road Landfill (Permit # 34-05) was operated by RJ Reynolds Tobacco Co. (RJR) from the mid-1980's through initial closure in 2003 as a permitted Industrial Landfill.
- The landfill received primarily ash residuals from RJR operating facilities with a small amount of C&D waste generated at RJR facilities.
- The disposal limits encompass approximately 17-acres as determined by 60 test pits and physical identification of ash limits.
- The landfill is currently in assessment for potential groundwater and surface water contamination primarily focused towards sulfates, manganese and iron.
- Assessment activities are on-going.
- Ground water monitoring wells surround the landfill limits and must be protected during construction.
- RJR has made the decision to incorporate a modified landfill cap at this facility and to contract ERM to manage the project.
- The landfill and surrounding property is owned by RJR.

Health & Safety Plan

- Contractor will develop a site & project specific health and safety plan that must be adhered to for the duration of the contract, ERM to review and approve.
- The plan will include identifiable project safety concerns and hazards, forms for daily beginning of work safety meetings and identifying contractor's field safety officer.
- The Contractor must provide an individual who will be on-site full-time that will be responsible to meet the requirements of field safety officer in accordance with the plan.
- Every employee of the Contractor including subcontractors and ERM personnel must sign-in daily.

Project Overview

- Pre-Construction meeting with NCDENR Land Quality and Division of Waste Management must occur prior to any construction activity.
- Erosion & Sedimentation Control measures include improvements to two existing sediment traps/basins and installation of one new sediment trap, installation of silt fence with rip rap outlets and rip rap lined ditches.
- Contractor is responsible for erosion & sedimentation control and NPDES monitoring/reporting requirements while on-site. Related documents will be submitted to ERM.
- Areas have been designated on the plans that appear best suited for staging of materials, equipment and parking.
- If Contractor is going to store more than 1,320 gallons of petroleum products on-site, Contractor must provide a Spill Prevention Control & Countermeasure plan sealed by an Engineer registered in the State of North Carolina to ERM.
- Any excess soil (non-select) will remain on site and used as final cover.
- Stripping of topsoil and stockpiling for future placement
- Stripping of cover soil and stockpiling for future placement
- Re-grading of disposed ash to lines and grades shown on bid plans including horizontal benches.
- Installation of 40-mil LLDPE liner
- Installation of geocomposite; double sided 6-ounce.
- Place previously stockpiled soil cover
- Place previously stockpiled topsoil
- Install erosion matting on horizontal benches
- Permanent Seeding
- Based on Contractor's proposed schedule; please include re-seeding of landfill footprint in early spring if deemed necessary.

Project Specifics

- **Working Hours** – 7:00 AM – 7:00 PM for operating equipment with diesel engines and/or back-up alarms. This project prefers that no activities occur on-site Sundays based on proximity to residential areas. This may be waived by ERM and RJR in the event of impending weather or previous weather delays to protect work and schedule.
- **40-mil LLDPE Liner** – Based on the slope lengths and underlying ash interface with the liner, ERM has selected the Agru America Microspike 40-mil linear low density polyethylene liner be used for this project. Design and permitting approvals have been based on the properties and shear interface values that are intrinsic to using this product.
- **Contractor's Liner Installer** – Liner installer must be approved by ERM based on experience and similar completed projects. Submit proposed liner installer to ERM as early as possible during the bidding process with statement of qualifications.